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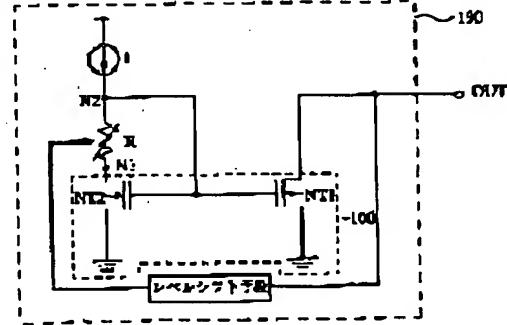
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(54) CONSTANT CURRENT DRIVING CIRCUIT

(57)Abstract:

PROBLEM TO BE SOLVED: To make the output current not fluctuate even when an external load to be connected to the output terminal of a constant current circuit is changed, and to obtain a constant current even in the low saturation area of voltage, and also to set the output voltage low by providing a variable resistor whose resistance value is varied by a prescribed signal linked with output signal.

SOLUTION: The variable resistor R performing a prescribed operation by being linked with an output signal to be outputted from the output terminal of a constant current driving circuit 190 is connected to between the drain terminal and the gate terminal of the MIS transistor of an input side. Then, the resistance value of the variable resistor R is changed by the output of the constant current driving circuit 190 via a level shifting means. As a result, even though the external load connected to the output terminal of the circuit 19 is changed and the output voltage of the circuit 190 is fluctuated, the fluctuation can be compensated and the constant current 190 driving circuit 190 whose output current does not fluctuate is obtained.



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